

**DIFFERENTIAL-FED STACKED PATCH ANTENNA****Abstract of the Disclosure**

5 An antenna system includes a stacked patch antenna (100) comprising two or more patch antennas symmetrically aligned around an axis. The stacked patch antenna (100) comprises a differential feed patch antenna. The two or more patch antennas include a first patch antenna (105) and a second patch antenna (110). At least a portion of the second patch antenna (110) serves as a ground plane for the first  
10 patch antenna (105).

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